

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:01 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 109 Const Calendar Day: 644 Date: 14-Jun-2011 Tuesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 08:00 AM 06:30 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Soheilifard, Saman Approved Date: 26-Jun-11 Status: Approved

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

**Tower Activities**

Electroslag welding (ESW):

The 6th ESW weld was done today. It was on the T joint that connects shear plate b2E to the North shaft.

The following is a list of activities for this operation:

- 2 new barrels of weld wire were brought to the site and connected.
- QC & QA did a joint inspection of the fit up. The root gap was within the WPS for the entire length of the weld.
- At 09:45, the consumable guide was installed.
- From 09:45 until 11:30, the insulators, volt pick-ups, and cooling shoes were installed.
- From 12:30 until 13:00, QC & production went through their pre-weld checklists.
- At 13:27, the weld was started.
- It took about 2 minutes, 30 seconds for the weld parameters to stabilize.
- From about 15:30 until 15:45, the volts were varying slightly. Possible reason is that one of the volt pick-ups was not attached properly.
- At 17:39, the weld was ended in the upper run-off tab.

On the 5th ESW weld which was done Saturday (a2N-to-North shaft), a preliminary UT was done today.  
No rejects were found.

Also, welding of access ladder supports was ongoing for future ESW welds on the East shaft.

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9m external diaphragm welding:

- On plate 9m-East-Outer, welding was completed today on the perimeter PJP welds.
- On plate 9m-West-Outer, prep work was ongoing to get ready for welding.

**04-0120F4 Bid Item: 053 T-L01-SPD.053 Tower Lift 01 Shear Plates and Diaphragms**

AMERICAN BRIDGE/FLUOR, A JV

**Labor**

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	APP	KENNETH CHAPPELL	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	JNM	JIN PEI WANG	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	Alex Blanco	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	APP	DEVAN MURPHY	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	APP	JEREMY DOLMAN	8.00	2.00	1.00	11.00		<input type="checkbox"/>



## Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name: Wright, Doug

Diary #: 109

Date: 14-Jun-2011

Tuesday

Ironworker	APP	JEFFERY SOUZA	8.00	0.00	0.00	8.00	<input type="checkbox"/>
Ironworker	FOR	RORY HOGAN	8.00	2.00	1.00	11.00	<input type="checkbox"/>
Ironworker	JNM	RICHARD GARCIA	8.00	2.00	1.00	11.00	<input type="checkbox"/>
Ironworker	FOR	HUA QIANG HUANG	8.00	0.00	0.00	8.00	<input type="checkbox"/>
Ironworker	FOR	JAMES ZHEN	8.00	0.00	0.00	8.00	<input type="checkbox"/>
Ironworker	JNM	WAI KIT LAI	8.00	0.00	0.00	8.00	<input type="checkbox"/>

### Attachment



ESW wire feed



Flux feeder & cooling shoes of ESW weld in progress